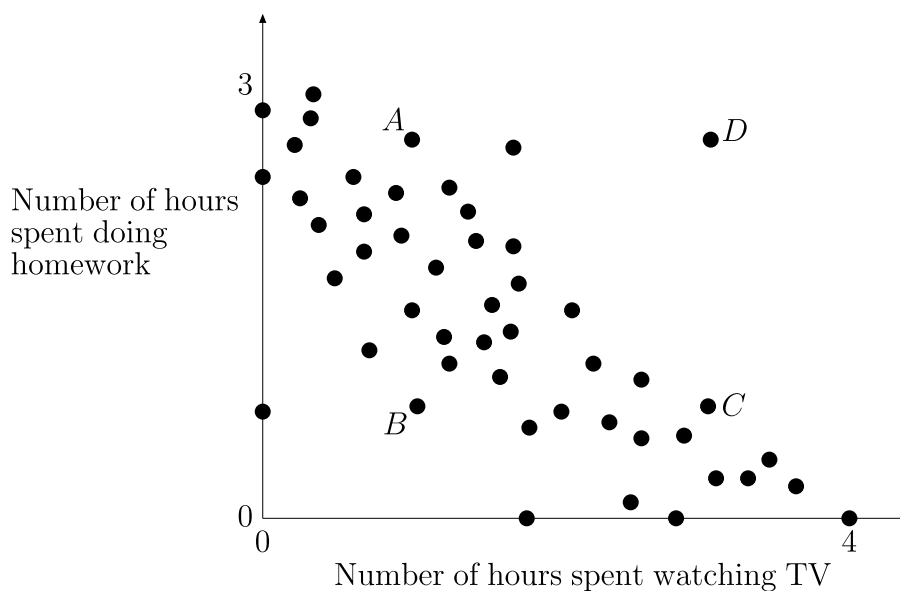


## Homework, TV, and sleep

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Annie asked a group of teenagers how much time they spent doing homework one evening and how much time they spent watching TV. Here is a scatter plot to show the results.



- Which of the four points *A*, *B*, *C*, or *D* represents each of the statements shown below? Write one letter for each statement.
  - "I watched a lot of TV last night and I also did a lot of homework."
  - "I spent most of my evening doing homework. I only watched one program on TV."
  - "I went out last night. I didn't do much homework or watch much TV."
- Make up a statement that matches the fourth point.
- What does the graph tell you about the relationship between time spent watching TV and time spent doing homework?

4. Annie also drew scatter plots that showed that:

Older students tend to spend more time doing homework than younger students.

There is no relationship between the time students spend watching TV and the time students spend sleeping.

On the axes below, show what Annie's scatter plots may have looked like.

